

Abstract

Erasing and cleaning apparatus for cylinders, in particular printing form and blanket cylinders of a printing press, having an intermittently operated drive for a continuous cleaning cloth

In order to keep the advancing of the cloth (transport path of the cloth) constant over the entire use period (the time it takes to convey the cleaning cloth from the clean cloth roll to the dirty cloth roll, that is to say until the cloth supply is exhausted) and to always keep the cleaning cloth under tensile stress in an erasing and cleaning apparatus for cylindrical surfaces, in particular of printing form and blanket cylinders of a printing press, having a cleaning cloth which can be moved by cleaning cloth transport means held in a positioning unit which has side walls, the cleaning cloth transport means comprising a clean cloth roll, a wash roll and a dirty cloth roll, and in which an intermittently operated drive is provided for advancing the cleaning cloth in such a way that the dirty cloth roll can pull the cleaning cloth off the clean cloth roll over the wash roll step by step and can wind it up forming increasingly large winding radii, there is provision for the intermittently operated drive to act via at least one of the bearing elements (2, 3, 4) in one of the side walls (1) of the positioning unit by means of a pneumatically or hydraulically driven linear drive (5) which has a limited stroke and whose stroke movement can be converted into an intermittent rotational movement by a gear wheel (10) placed on the bearing element (4) with a freewheeling or overrunning clutch, the stroke limitation of the linear drive (5) being controlled by

means of a cam control system (13, 14), which can be adjusted in a variable manner as a function of the changing winding radii of the dirty cloth roll, and an integrated braking device (23 to 28) being provided which counteracts the pulling direction of the dirty cloth roll and can be adjusted in a variable manner as a function of the changing winding radii of the dirty cloth roll.

Fig. 3